

RESOLUTION NO. 89-111

A RESOLUTION OF THE LODI CITY COUNCIL
AWARDING THE CONTRACT FOR WELL 23 PUMP AND MOTOR, 55 EAST HARNEY LANE

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on August 16, 1989 at 11:00 a.m. for the contract for Well 23 Pump and Motor, 55 East Harney Lane, described in the specifications therefor approved by the City Council on August 2, 1989; and

WHEREAS, the specifications included provisions for analyzing the bids based on an analysis of future power costs; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached hereto; and

WHEREAS, it has been determined the most efficient pump is the Ingersoll-Rand proposed by Zim Industries; and

WHEREAS, the City Manager recommends that award of the contract for Well 23 Pump and Motor, 55 East Harney Lane, be made to Zim Industries;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Lodi that award of contract for Well 23 Pump and Motor, 55 East Harney Lane be and the same is hereby awarded to Zim Industries in the amount of \$21,225.

Dated: September 6, 1989

I hereby certify that Resolution No. 89-111 was passed and adopted by the City Council of the City of Lodi in a regular meeting held September 6, 1989 by the following vote:

Ayes: Council Members - Hinchman, Olson, Pinkerton, Reid and Snider (Mayor)

Noes: Council Members - None

Absent: Council Members - None


Alice M. Reimche
City Clerk

89-111

RES89111/TXTA.02J

Well 23 Pump & Motor Total Cost Analysis

Power Cost: \$ 0.07915 per Kwhr Analysis Flow: 750 Million Gallons (MG)

Bidder	Pump Mfr./Model	No. days delivery	Del Price Mcf/Lb/Mcf/101	1. Field Head	Flow (gpm)	1. Inc. Losses	1. Job Head	Flow 101	HP	HP	Shall	HP	Losses Bearing	Brake HP	Field Eff.	Motor Eff.	Overall Eff.	Input Kw	Pumping Hours	Power Cost	Total Cost	Rank
Moorman's Water Systems + Goulds 140JLC	120		\$ 19,970.00	320	1040	1.15	\$21.15	0.745	113.71	1.76	0.69	115.66	0.727	0.941	0.684	91.69	4006					
			1,000.00	300	1320	2.86	\$02.86	0.810	124.63	1.76	0.65	127.04	0.787	0.941	0.744	100.72	3157			\$ 74.993		
			n/c	252	1560	4.08	\$56.08	0.830	121.54	1.76	0.56	123.86	0.801	0.941	0.734	98.19	2671				6	
\$ 95,969																						
Moorman's Water Systems + Peabody-Lowry 120K01	120		\$ 72,784.00	320	1160	2.18	\$22.18	0.827	114.12	1.83	1.49	117.44	0.708	0.941	0.751	93.10	3592					
			1,000.00	300	1250	2.84	\$02.84	0.832	114.90	1.83	1.42	118.15	0.802	0.941	0.754	93.66	3333					
			n/c	252	1420	3.56	\$55.56	0.795	115.27	1.83	1.25	118.35	0.764	0.941	0.718	93.83	2934			\$ 72.971		
\$ 96,755																						
Moorman's Water Systems + Ingersoll Rand 120K01	120		\$ 22,962.00	320	1260	3.10	\$23.10	0.830	123.86	1.90	0.62	126.38	0.806	0.941	0.758	100.19	3307					
			1,000.00	300	1330	3.30	\$03.30	0.840	123.09	1.90	0.59	125.38	0.814	0.941	0.766	99.56	3006					
			n/c	252	1600	4.20	\$56.20	0.840	123.23	1.90	0.52	125.65	0.810	0.941	0.763	99.61	2604			\$ 71.078		
\$ 95,040																						
Hoock Pump Co.	Peerless 141D-3		\$ 23,023.00	320	1300	4.86	\$24.86	0.820	130.06	2.00	0.61	132.67	0.792	0.941	0.745	105.17	3205					
			600.00	300	1500	4.07	\$04.07	0.820	140.46	2.00	0.61	143.07	0.794	0.941	0.747	113.42	2778					
			incl.	252	1840	3.68	\$55.68	0.774	153.49	2.00	0.61	156.10	0.750	0.941	0.706	123.25	2264			\$ 73.799		
\$ 73.799																						
\$ 97,477																						
Hoock Pump Co.	Peabody-Lowry 120K016		\$ 19,323.00	320	1160	2.18	\$22.18	0.827	114.12	1.83	1.49	117.44	0.708	0.941	0.751	93.10	3592					
			600.00	300	1230	2.84	\$02.84	0.832	114.90	1.83	1.42	118.15	0.802	0.941	0.754	93.66	3333					
			incl.	252	1420	3.56	\$55.56	0.795	115.27	1.83	1.25	118.35	0.764	0.941	0.718	93.83	2934			\$ 72.971		
\$ 92,894																						
Hoock Pump Co.	Byron Jackson 120M014		\$ 23,323.00	320	1120	1.76	\$21.76	0.810	112.35	1.68	0.40	114.43	0.791	0.941	0.744	90.72	3720					
			600.00	300	1220	2.38	\$02.38	0.830	116.84	1.68	0.40	118.92	0.809	0.941	0.761	94.27	3281					
			incl.	252	1525	3.36	\$55.36	0.820	119.93	1.68	0.30	121.91	0.796	0.941	0.749	96.64	2732			\$ 72.003		
\$ 96,016																						
Kelby's Pump & Mechanical	Washington 1201135		\$ 19,288.00	320	1175	2.00	\$22.00	0.810	117.95	1.80	0.60	120.35	0.789	0.941	0.742	95.41	3546					
			1,800.00	300	1300	2.70	\$02.70	0.830	119.72	1.80	0.50	122.02	0.802	0.941	0.759	96.74	3205					
			250.00	252	1560	3.60	\$55.60	0.790	127.46	1.80	0.50	129.76	0.765	0.941	0.720	102.87	2671			\$ 73.068		
\$ 94,406																						
Kelby's Pump & Mechanical	Byron Jackson 120M014		\$ 23,245.00	320	1120	1.76	\$21.76	0.810	112.35	1.68	0.40	114.43	0.791	0.941	0.744	90.72	3720					
			1,800.00	300	1220	2.38	\$02.38	0.830	116.84	1.68	0.40	118.92	0.809	0.941	0.761	94.27	3281					
			250.00	252	1525	3.36	\$55.36	0.820	119.93	1.68	0.30	121.91	0.796	0.941	0.749	96.64	2732			\$ 72.003		
\$ 97,888																						
Zim Industries	Ingersoll Rand 120K01		\$ 20,475.00	320	1260	2.50	\$22.50	0.830	123.63	1.90	0.62	126.15	0.807	0.941	0.759	100.01	3307					
			750.00	300	1330	2.90	\$02.90	0.840	122.93	1.90	0.59	125.42	0.815	0.941	0.762	99.43	3086					
			0.00	252	1600	3.20	\$55.20	0.840	122.99	1.90	0.52	125.41	0.812	0.941	0.764	99.42	2604			\$ 70.959		
\$ 92,184																						
Georing Well Drilling	Peabody-Lowry 120K01		\$ 18,865.00	320	1160	2.18	\$22.18	0.827	114.12	1.83	1.49	117.44	0.708	0.941	0.751	93.10	3592					
			1,100.00	300	1240	2.84	\$02.84	0.832	114.90	1.83	1.42	118.15	0.802	0.941	0.754	93.66	3333					
			35.00	252	1420	3.56	\$55.56	0.795	115.27	1.83	1.25	118.35	0.764	0.941	0.718	93.83	2934			\$ 72.971		
\$ 92,971																						
\$ 92,971																						
3																						

Notes: * 1 year from start up warranty instead of 4000 hrs specified 2. All MA nominal motor efficiency used for all pumps